

## DSUB SV FE SSDP STR 50P AU2



Image is for illustration purposes only. Please refer to product description.

Part number	09 66 511 6501
Specification	DSUB SV FE SSDP STR 50P AU2
HARTING eCatalogue	<a href="https://b2b.harting.com/09665116501">https://b2b.harting.com/09665116501</a>

### Identification

Category	Connectors
Series	D-Sub
Identification	Standard
Element	Connector
Description of the contact	Stamped Straight

### Version

Termination method	Wave soldering termination
Gender	Female
Size	D-Sub 5
Connection type	Motherboard to daughtercard Mezzanine
Number of contacts	50
Termination length	2.9 mm
Locking type	Fixing flange with thread M3

### Technical characteristics

Distance between rows	2.84 mm
Contact spacing (termination side)	2.76 mm
Rated current	6.5 A
Clearance distance	≥1 mm
Creepage distance	≥1 mm
Insulation resistance	>10 <sup>10</sup> Ω



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## Technical characteristics

Contact resistance	≤10 mΩ
Tightening torque	≤0.6 Nm Female screw lock
Limiting temperature	-55 ... +125 °C
Insertion force	≤167 N
Withdrawal force	≥14.5 N ≤111 N
Performance level	2 acc. to CECC 75301-802
Mating cycles	≥250
Test voltage $U_{r.m.s.}$	1 kV
Isolation group	IIIa ( $175 \leq CTI < 400$ )
PCB thickness	≥1.6 mm
Installation height	6.2 mm
Hot plugging	No

## Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled (PBTP) Shell: Plated steel
Colour (insert)	Black
Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	ecef7555-f643-4ceb-a337-fc54762297f1
California Proposition 65 substances	Yes
California Proposition 65 substances	Antimony trioxide
California Proposition 65 substances	Lead
California Proposition 65 substances	Nickel



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## Material properties

Requirement set with Hazard Levels	R26
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## Specifications and approvals

Specifications	DIN 41652
UL / CSA	UL 1977 ECBT2.E102079

## Commercial data

Packaging size	50
Net weight	25 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140085985
eCl@ss	27440214 D-Sub coupler